

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in the captioned Application:

Listing Of Claims:

Claim 1 (cancelled).

Claim 2 (cancelled).

Claim 3 (cancelled).

Claim 4 (cancelled).

Claim 5 (cancelled).

Claim 6 (cancelled).

Claim 7 (cancelled).

Claim 8 (cancelled).

Claim 9 (currently amended)

A service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet, for processing data from a data network including at least one data source, the system comprising:

a first communication module for initiating communication with a moderator and adapted to receive data from the moderator;

a second communication module for sending data to at least one of the data source and the moderator;

a service-action module for processing the received data and for performing a task based on the processed data; and

an export module in communication with the service-action module and for publishing data based at least in part on the performed task to the data network;

[The service broker system set forth in claim 1,] wherein at least one of the moderator and the data source comprises a virtual representation of the service broker and wherein the published data updates the virtual representation.

Claim 10 (currently amended)

A service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet, for processing data from a data network including at least one data source, the system comprising:

a first communication module for initiating communication with a moderator and adapted to receive data from the moderator;

a second communication module for sending data to at least one of the data source and the moderator;

a service-action module for processing the received data and for performing a task based on the processed data; and

an export module in communication with the service-action module and for publishing data based at least in part on the performed task to the data network

wherein the performed task includes communicating a command based at least in part on the processed data to a device connected to the service broker system, [The service broker system set forth in claim 8, wherein] at least one of the moderator and the data source comprises a virtual representation of the connected device and wherein the published data updates the virtual representation.

Claim 11 (previously presented) A method for transferring data from a data source to a service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet, the method comprising the steps of:

- providing a data source and a service broker;
- providing a moderator for receiving the data transferred by the data source;
- providing a data store for storing data received by the moderator;
- providing a communications module for transferring data from the data store;
- providing a virtual representation of the service broker on the data source;

transferring data from the date source to the moderator, the data sent being related to or associated with the virtual representation;

storing the data received by the moderator in the data store;

retrieving the data from the data store via the communications module and forwarding the data to the service broker; and

updating the virtual representation when the service broker receives the data sent by the data source, whereby data is transferred between the data source and to the service broker.

Claim 12 (previously presented) The method set forth in claim 11, wherein the data transferred from the data source to the moderator is performed using the HTTP protocol.

Claim 13 (previously presented) The method set forth in claim 11, wherein the data transferred from the moderator to the service broker is performed via the HTTP protocol.

Claim 14 (previously presented) The method set forth in claim 12, wherein the data is transferred using name/value pairs.

Claim 15 (previously presented) The method set forth in claim 13, wherein the data is transferred using name/value pairs.

Claim 16 (previously presented) The method set forth in claim 14, wherein the name/value pair is transmitted using a field/value abstraction layer.

Claim 17 (previously presented) The method set forth in claim 15, wherein the name/value pair is transmitted using a field/value abstraction layer.

Claim 18 (previously presented) The method set forth in claim 11, wherein the data is a command for changing the state of the service broker and wherein the virtual representation is updated when the state of the service broker is changed.

Claim 19 (previously presented) The method set forth in claim 11, wherein the data sent is a command for changing the state of the service broker.

Claim 20 (previously presented) The method set forth in claim 11, wherein the moderator and the data store are the same entity.

Claim 21 (previously presented) The method set forth in claim 11, wherein the data store and the communications module are the same device.

Claim 22 (previously presented) The method set forth in claim 11, wherein the moderator, data store, and the communications module are the same entity.

Claim 23 (previously presented) The method set forth in claim 11, wherein there are a plurality of data stores.

Claim 24 (previously presented) The method set forth in claim 11, wherein there are a plurality of service brokers.

Claim 25 (previously presented) The method set forth in claim 11, wherein there are a plurality of moderators and data stores.

Claim 26 (previously presented) The method set forth in claim 11, wherein the data source and the service broker are at the same node.

Claim 27 (previously presented) The method set forth in claim 11, wherein the data store is a queue of commands.

Claim 28 (previously presented) The method set forth in claim 11, wherein the data transferred from the data store to the service broker is initiated by the service broker.

Claim 29 (previously presented) The method set forth in claim 11, wherein the data is retrieved by specifying a specific device identifier.

Claim 30 (previously presented) The method set forth in claim 18, wherein at least one device is connected to the service broker and wherein the command is received by the service broker and forwarded to the at least one connected device.

Claim 31 (cancelled).

Claim 32 (cancelled).

Claim 33 (currently amended) A service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet, for processing data from a data network including at least one data source, the service broker system comprising:

a first communication module for initiating communication with a moderator and adapted to receive data from the moderator;

a second communication module for sending data to at least one of the data source and the moderator;

a service-action module for processing the received data and for performing a task based on the processed data; and

an export module in communication with the service-action module and for publishing data based at least in part on the performed task to the data network;

wherein at least one of the moderator and the data source comprises a virtual representation of the service broker system and wherein the published data updates the

virtual representation [The service broker set forth in claim 9], and wherein the virtual representation comprises a mapped control, group of controls, or user interface.